## We Claim:

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1. A flexible fluid containment vessel for the transportation and/or containment of cargo comprising a fluid or fluidisable material, said vessel comprising:

an elongated flexible tubular structure comprised of fabric having a first side and a second side;

said tubular structure having a front end and a rear end;

means for sealing said front end and said rear end;

means for filling and emptying said vessel of cargo; and

means for rendering said tubular structure impervious comprising forming said fabric out of yarns or fibers having a thermoplastic coating wherein said first side is formed predominantly out of yarns or fibers having a first thermoplastic coating and said second side is formed predominantly out of yarns or fibers having a second thermoplastic coating which is different from the first thermoplastic coating and causing the thermoplastic coatings to fill voids between the yarns or fibers to render the coated fabric impervious.

- 2. The vessel in accordance with claim 1 wherein said fabric is woven and said first and second side are formed by stitching points.
- 3. The vessel in accordance with claim 1 wherein said thermoplastic coating is subject to heat,

pressure or both to cause it to flow and fill the voids.

4. The vessel in accordance with claim 1 wherein said first thermoplastic coating and said second thermoplastic coating are taken from the group consisting essentially of urethane, polyester, polyamide, polyvinyl chloride, polyolefin or other suitable thermoplastic material.

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5. A flexible fluid containment vessel for the transportation and/or containment of cargo comprising a fluid or fluidisable material, said vessel comprising:

an elongated flexible tubular structure comprised of fabric;

said tubular structure having a front end and a
rear end;

means for sealing said front end and said rear end;

means for filling and emptying said vessel of cargo; and

means for rendering said tubular structure impervious and buoyant comprising coating said fabric with a coating having microspheres therein in a sufficient amount that the overall density of the coated fabric is less than approximately 1.0 g/cm<sup>3</sup>.

6. The vessel in accordance with claim 5 wherein said coating is taken from the group consisting essentially of: polyvinyl chloride, polyurethanes, synthetic and natural rubbers, polyureas,

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polyolefins, silicone polymers, acrylic polymers or foam derivatives thereof.

- The vessel in accordance with claim 5 wherein
   said coating is a thermoplastic or thermoset
   material.
  - 8. A flexible fluid containment vessel for the transportation and/or containment of cargo comprising a fluid or fluidisable material, said vessel comprising:

an elongated flexible tubular structure comprised of fabric;

said tubular structure having a front end and a rear end;

means for sealing said front end and said rear
end;

means for filling and emptying said vessel of cargo; and

- 20 means for rendering said tubular structure impervious and buoyant comprising coating said fabric with a coating having a gas or entrained air in the coating such that the gas or air is trapped within the coating in a sufficient amount that the overall density of the coated fabric is less than approximately 1.0 g/cm<sup>3</sup>.
  - 9. The vessel in accordance with claim 8 wherein the coating is applied to the fabric by spraying or in the form of a foam.
    - 10. The vessel in accordance with claim 8 wherein said coating is taken from the group consisting

essentially of: polyvinyl chloride, polyurethanes, synthetic and natural rubbers, polyureas, polyolefins, silicone polymers, acrylic polymers or foam derivatives thereof.

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11. The vessel in accordance with claim 10 wherein said coating is a thermoplastic or thermoset material.